



SEQUENCE LISTING

<110> Targan, Stephan R.
Braun, Jonathan
Sutton, Christopher L.

<120> Diagnosis, Prevention and Treatment of
Crohn's Disease Using The OmpC Antigen

<130> P-PM 4097

<140> US 09/575,061

<141> 2000-05-19

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 367

<212> PRT

<213> E. Coli

<400> 1

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			20					25					30			
Asp	Leu	Tyr	Gly	Lys	Val	Asp	Gly	Leu	His	Tyr	Phe	Ser	Asp	Asn	Lys	
		35					40					45				
Asp	Val	Asp	Gly	Asp	Gln	Thr	Tyr	Met	Arg	Leu	Gly	Phe	Lys	Gly	Glu	
	50					55					60					
Thr	Gln	Val	Thr	Asp	Gln	Leu	Thr	Gly	Tyr	Gly	Gln	Trp	Glu	Tyr	Gln	
65					70				75						80	
Ile	Gln	Gly	Asn	Ser	Ala	Glu	Asn	Glu	Asn	Asn	Ser	Trp	Thr	Arg	Val	
			85						90					95		
Ala	Phe	Ala	Gly	Leu	Lys	Phe	Gln	Asp	Val	Gly	Ser	Phe	Asp	Tyr	Gly	
			100					105					110			
Arg	Asn	Tyr	Gly	Val	Val	Tyr	Asp	Val	Thr	Ser	Trp	Thr	Asp	Val	Leu	
		115					120					125				
Pro	Glu	Phe	Gly	Gly	Asp	Thr	Tyr	Gly	Ser	Asp	Asn	Phe	Met	Gln	Gln	
	130					135					140					
Arg	Gly	Asn	Phe	Gly	Ala	Thr	Tyr	Arg	Asn	Thr	Asp	Phe	Phe	Gly	Leu	
145					150				155						160	
Val	Asp	Gly	Leu	Asn	Phe	Ala	Val	Gln	Tyr	Gln	Gly	Lys	Asn	Gly	Asn	
			165					170					175			
Pro	Ser	Gly	Glu	Gly	Phe	Thr	Ser	Gly	Val	Thr	Asn	Asn	Gly	Arg	Asp	
		180					185					190				
Ala	Leu	Arg	Gln	Asn	Gly	Asp	Gly	Val	Gly	Gly	Ser	Ile	Thr	Tyr	Asp	
	195					200					205					
Tyr	Glu	Gly	Phe	Gly	Ile	Gly	Gly	Ala	Ile	Ser	Ser	Ser	Lys	Arg	Thr	

210	215	220
Asp Ala Gln Asn Thr	Ala Ala Tyr Ile Gly Asn Gly Asp Arg Ala Glu	
225	230	235
Thr Tyr Thr Gly Gly Leu Lys Tyr Asp	Ala Asn Asn Ile Tyr Leu Ala	240
	245	250
Ala Gln Tyr Thr Gln Thr Tyr Asn Ala Thr Arg Val Gly Ser Leu Gly		255
	260	265
Trp Ala Asn Lys Ala Gln Asn Phe Glu Ala Val Ala Gln Tyr Gln Phe		270
	275	280
Asp Phe Gly Leu Arg Pro Ser Leu Ala Tyr Leu Gln Ser Lys Gly Lys		285
	290	295
Asn Leu Gly Arg Gly Tyr Asp Asp Glu Asp Ile Leu Lys Tyr Val Asp		300
305	310	315
Val Gly Ala Thr Tyr Tyr Phe Asn Lys Asn Met Ser Thr Tyr Val Asp		320
	325	330
Tyr Lys Ile Asn Leu Leu Asp Asp Asn Gln Phe Thr Arg Asp Ala Gly		335
	340	345
Ile Asn Thr Asp Asn Ile Val Ala Leu Gly Leu Val Tyr Gln Phe		350
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 <213> Unknown

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 <223> Microbial organism from the human gut

<221> CDS
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ttc aag agc aag gat gag ata ttg cgt gcc gtg atg gag gaa acc atc	97
Phe Lys Ser Lys Asp Glu Ile Leu Arg Ala Val Met Glu Glu Thr Ile	
20 25 30	
cat tac aac acc gcg atg atg cgc gct tca ctg gag gag gcg agc acg	145
His Tyr Asn Thr Ala Met Met Arg Ala Ser Leu Glu Glu Ala Ser Thr	
35 40 45	
gtg cgc gaa cgc gtg ctg gcg ctg atc cgc tgc gag ttg cag tcg atc	193
Val Arg Glu Arg Val Leu Ala Leu Ile Arg Cys Glu Leu Gln Ser Ile	
50 55 60	
atg ggc ggc agt ggc gag gcc atg gcg gtg ctg gtc tac gaa tgg cgc	241
Met Gly Gly Ser Gly Glu Ala Met Ala Val Leu Val Tyr Glu Trp Arg	
65 70 75 80	
tcg ctg tcg gcc gaa ggc cag gcg cac gtg ctg gcc ctg cgt gac gtg	289

Ser Leu Ser Ala Glu Gly Gln Ala His Val Leu Ala Leu Arg Asp Val
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tat gag cag atc t
Tyr Glu Gln Ile
100

302

<210> 3
<211> 100
<212> PRT
<213> Unknown

<220>
<223> Microbial organism from the human gut

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Phe Lys Ser Lys Asp Glu Ile Leu Arg Ala Val Met Glu Glu Thr Ile
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His Tyr Asn Thr Ala Met Met Arg Ala Ser Leu Glu Glu Ala Ser Thr
35 40 45
Val Arg Glu Arg Val Leu Ala Leu Ile Arg Cys Glu Leu Gln Ser Ile
50 55 60
Met Gly Gly Ser Gly Glu Ala Met Ala Val Leu Val Tyr Glu Trp Arg
65 70 75 80
Ser Leu Ser Ala Glu Gly Gln Ala His Val Leu Ala Leu Arg Asp Val
85 90 95
Tyr Glu Gln Ile
100